

2 November 1982

FBIS COLLECTION GUIDANCE NO. 82-10

SUBJECT: Energy Economics

RESCISSION: FBIS Collection Guidance No. 81-01 dated 2 January 1981,
Same Subject

I. Topics of Current Interest

Policies, plans, programs, subsidies relating to industrial conversions to coal from gas or oil and the economic considerations involved.

Multi-fuel switching capabilities in industrial plants among gas, oil, and coal.

Plans or progress in electricity use in the industrial and residential sectors.

Changes in synthetic fuels programs and projects including liquefaction, gasification, and methanol production.

Activities related to coal production levels in the future.

Activities related to production of off-shore oil and gas.

II. General Topics of Continuing Interest

A. International

Agreements among countries

Energy trade

Regional energy developments
- foreign investment

Foreign policy and energy

B. National

Energy policy, plans and programs
- taxes, regulations, etc.

Transformation sector

- electrical generation plans and significant events concerning power plants
- cogeneration

Industrial sector

- energy conservation
- energy impact of structural shifts in economy
- rules, regulations and operating changes affecting energy use

Transportation

- innovations in mass transport, personal cars, and truck fleets with implications for energy use
- fuel use and prices
- rules, regulations and operational changes affecting energy use

Residential/Commercial

- basic information on energy needs for heating and cooling
- trends in electricity demand due to changes in space heating and cooling
- information relating to appliances, their energy efficiencies and future impact on electricity demands
- electricity tariff structure

C. Energy Supply

- exploration, production of oil, gas, oil shale and biomass
- development and application of solar and other new energy technology

III. Economic Potential and Probable Impact

- For new processes and innovations--what is the timing and scale of commercial application? What resources are needed in terms of labor, capital and new technology for mature products?
- What market is the innovation or process likely to penetrate, what is the market share likely to be and what other products and services are likely to be affected?
- What is the status of government regulations that would affect successful commercialization.
- What non-economic factors might affect the economic costs or benefits of this new development?

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